

Title (en)

METHANE NUMBER CALCULATION METHOD AND METHANE NUMBER MEASUREMENT DEVICE

Title (de)

VERFAHREN ZUR METHANZAHLBERECHNUNG UND VORRICHTUNG ZUR METHANZAHLMESSUNG

Title (fr)

PROCÉDÉ DE CALCUL D'INDICE DE MÉTHANE ET DISPOSITIF DE MESURE D'INDICE DE MÉTHANE

Publication

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Application

EP 16827462 A 20160311

Priority

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- JP 2016057784 W 20160311

Abstract (en)

[origin: US2017370831A1] The present invention includes: acquiring in advance a particular relational expression between the methane number and the basic calorific value of a plurality of types of reference gases, each formed of a natural gas and each having a different methane number value; measuring the basic calorific value of a natural gas, which is a sample gas, as well as the concentration of the nitrogen gas and the concentration of the carbon dioxide gas, both gases being contained in the sample gas; and calculating the methane number of the sample gas from the value of the basic calorific value of the sample gas, the value of the concentration of the nitrogen gas and the value of the concentration of the carbon dioxide gas, and the particular relational expression.

IPC 8 full level

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CPC (source: EP KR US)

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DOCDB simple family (publication)

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